

Docket No. 211319US2PCT

IN RE APPLICATION OF: Pierre-Andre LAURENT

SERIAL NO: 09/868,918

FILED: July 11, 2001

FOR: SHORT WAVE HIGH EFFICIENCY RADIO BROADCASTING TRANSMITTER FOR DIGITAL TRANSMISSIONS

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

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- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: Preliminary Amendment

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	4	MINUS	20	0	× \$18 =	\$0.00
INDEPENDENT	1	MINUS	3	0	× \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

☐ A check in the amount of \$0.00 is attached.

- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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211319US

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :  
PIERRE-ANDRE LAURENT :  
SERIAL NO: 09/868,918 : ATTN: APPLICATION BRANCH  
FILED: JULY 11, 2001 :  
FOR: SHORT WAVE HIGH EFFICIENCY  
RADIO BROADCASTING TRANSMITTER  
FOR DIGITAL TRANSMISSIONS

#5/A  
h. mclaudli  
2.4.02

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

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SIR:

Prior to a first examination on the merits, please amend the above-identified  
application as follows:

IN THE CLAIMS

Please amend the claims as follows:

1. (Amended) Digital signals radio broadcasting transmitter comprising a power  
tube in which the grid is excited by a variable phase signal through an excitation device and  
in which the anode is amplitude modulated by the output signal from a modulator, the phase  
and amplitude of signals applied on the grid and anode of the tube respectively being  
represented by the phase and amplitude of a complex signal to be transmitted, wherein the  
excitation device has a linear amplification characteristic for low amplitudes of the signal to  
be transmitted and operates under saturated conditions when the amplitude of the signal to be  
transmitted exceeds a determined threshold value, so that the amplification characteristic of

A1  
Cont.